

### ABSTRACT OF THE DISCLOSURE

A method of removing streaks from multi-band digital images is presented in which a multi-band image is transformed to an advantageous spectral space, in which a streak removal operation is applied to the image in the

5    advantageous spectral space. The streak removal operation is a method of removing columnar streaks from a multi-band digital image of the type in which it is assumed that pixels in a predetermined spatial and spectral region near a given pixel are strongly related to each other and employing gain and offset values to compute streak removal information, a test is performed for a strong relation

10   between the pixels in a predetermined region spatially and spectrally near a given pixel and streak removal information is computed only if such a strong relationship exists, whereby image content that does not extend the full length of the image in the column direction will not be interpreted as a streak.

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